

Let's apply our knowledge of slopes in a real world problem.

To rent apartment A you need a \$1300 deposit and you would have to pay a monthly rent of \$400.

To rent apartment B you need a \$500 deposit and you would have to pay a monthly rent of \$600.

Write an equation in slope intercept form for apartment A and graph it for 12 months.

$m =$

$b =$

Write an equation in slope intercept form for apartment B and graph it for 12 months.

$m =$

$b =$

Which apartment would be a better bargain if you rented for 3 months, 6 months, 9 months? How much cheaper would the apartment be after 1 year?

